

UNIT IDENTIFICATION CARD

Ranger DX800

Serial no. 49930

Order number/sn

BG01054429

Equipment main assembly

DXc80d

Type code

<i>Component</i>	<i>Code or Value</i>	<i>Serial no. / Manufact. / Size</i>
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EQUIPMENT

Ordered by	SANDVIK MINING AND ROCK TECHNOLOGY
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Customer	
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Delivery country	UNITED STATES
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Ref.no.	R422273
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CIRCUIT DIAGRAMS

HYDRAULICS

Carrier	551 951 44
Drilling	551 833 88
Tramming	551 833 82
Boom	BG 004 135 13
Cassette	551 833 84
Radio control	BG -
Winch	-
Ground support	551 833 86
Extra Turn	551 833 87
Front Jack	-
Main diagram	551 955 89

PNEUMATICS

Powerpack / carrier	BG 003 525 17
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ELECTRICS

Circuit diagram	BG 004 224 75
Electrical assembly	BG 009 143 74

ROCK DRILL

HF820T	BG 005 137 66	K047032
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ROTATION MOTOR

OMT 315	154 127 24	N75133857
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Component	Code or Value	Serial no. / Manufact. / Size
FEED		
Feed assembly	BG 007 748 69	
Feed motor	BG 001 196 15	4417180
Jaws	550 752 15	2" MF ROD
Additional jaws	550 752 14	1 ¾" MF ROD
POWERPACK		
Engine assembly	BG 002 120 57	
CAT 7.1 168kW Tier4F	552 260 86	88103693
Date of manufacturing		JAN 2018
Engine arrangement		4455-317
Starter	BG 009 470 55	438000-3770
Part no.		482-3187
Alternator	BG 002 272 85	n/a
Part no.		352-470005
Aftertreatment assembly	BG 001 736 97	CFH166529B
Part no.		470-0244
Pump electronics tank	BG 002 103 52	PET031634M
Part no.		499-6621
PUMP DRIVE GEARBOX		
Stiebel 4370	551 814 18	763237
HYDRAULIC PUMPS		
Percussion piston pump	BG 002 234 70	35219087
Rotation piston pump	550 033 41	35220731
Quadro pump	BG 002 281 72	02/1866153588/012
WATER COOLER		
Cooler	BG 002 607 42	20170236810052017/12
Cooler fan motor	BG 002 027 12	17J25064
OIL COOLER		
Oil cooler	551 792 52	2017 023656 004 2018/1
Cooler fan motor	551 828 03	03/18 66154966/004
FUEL COOLERS		
Fuel cooler	551 894 96	2018 000032 005 2018/1
Gearbox cooler	551 894 96	2018 000032 003 2018/1



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PNEUMATIC COMPONENTS**COMPRESSOR**

Enduro 25	550 675 59	FE025025788
Air receiver	BG 009 203 57	S105130/2017
Safety valve	BG 003 345 58	12/17

SHANK LUBRICATION

SLU 14L	551 796 12	
Pump unit	551 746 40	39895

TRACKS

Frame assembly	550 999 55	842	
Track chain	551 001 14	ITM	
Idler wheels	551 001 18	ITM	
Rollers	551 001 17	ITM	
Final drive assembly	BG 005 998 54	Trasmital	
Left gear	BG 007 877 22	17248780	
Left motor	BG 008 606 27	17019811	12/17
Right gear	BG 007 877 22	17248781	
Right motor	BG 008 606 27	17019812	12/17

HYDRAULIC VALVES

Drilling valve block	BG 002 199 01	39746
Remote control block	BG	

DUST COLLECTOR

DC 800 H assy	550 680 81	
Dust collector	BG 003 252 52	H021025
Hydraulic motor	858 570 99	201712190553

CABIN

Cabin assembly	BG 002 237 20	3706
Air conditioning	BG 006 258 15	
A/C compressor	BG 002 272 77	004351608770



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OPTIONAL EQUIPMENT

ANGLE INDICATOR

Spirit level angle indicator	-	
TIM 5300	552 006 08 / BG /	
Display unit	551 768 50	0118 1398
I/O Module	551 949 67	1181557
Carrier rotation sensor	.	-
Depth sensor	BG 003 739 95	60374841
Feed tilt / swing sensor	551 768 75	0118 5750
Carrier inclination sensor	.	-
Aiming unit	.	-
Boom inclination sensor	.	-
Feed extension sensor	.	-
HLM 1 computer	.	-
GPS receiver master	BG .	-
GPS receiver slave	.	-
Antenna	BG .	-
Antenna	BG .	-
Laser receiver	.	-
Laser receiver	.	-

FILLING PUMPS

Electric fuel filling pump	-	
Electric water filling pump	-	

REMOTE CONTROL SYSTEM

Receiver	BG	-
Transmitter	BG	-
Antenna	BG	-
Pairing n:o	.	-

WINCH

Winch assembly	-	
Winch	-	
Hydraulic motor	-	

HEATER

Fuel heater assembly	BG 002 730 10	89516EG
Watertank heating	551 963 16	

CENTRAL LUBRICATION

Central lubrication system	551 759 13	2017368997/3
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WATER INJECTION		
Dustmizer system	BG 003 695 23	
Water tank	550 259 62	85247/2018
Safety valve	BG 003 345 65	01/18
TRACKS		
Three bar grouser plates	-	
Guides for grousers	551 814 05	
POWER EXTRACTOR		
Power extractor readiness	-	
Power extractor	-	
OTHER		
Radio and CD-MP3 player	888 173 49	
Special seat ISRI	550 103 55	
San Remo	BG 003 273 74	KQ1000057585
Rod greasing system		
Greasing with 5 gallon bucket	550 715 94	
Hydraulic ground support	551 904 20	
Horizontal drilling kit	-	
Primary cyclone		
Grinder	-	
Anti freeze system	551 963 11	
Fire Extinguisher	-	
Sampling device	-	
Vacuum cleaner	552 081 15	
Xenon lights	552 249 11	
Reducer	BG	-
Hose reel	-	
Flushing control automatics	237 760 18	
Suction shut down	550 000 51	
Towing hook	550 574 58	
Turnable supersructure 180°		X
Biogradeable hydraulic oil	-	
Reverse camera	551 759 14	
Display	BG 003 349 57	1510M00506
Camera 1 / 2	550 944 99	1709C00989,1709C00990
Camera 3	550 944 99	1709C00985
Noice insulation cover	-	
Force flushing pedal	-	
Outlet of air, front	-	
Fast fill, fuel	-	
Cage	BG 008 621 24	



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FLUIDS (Factory filling)		
Diesel engine	Shell Rimula R5LE	10W-40
Hydraulics	Shell Tellus S2 V	68
Compressor oil	Shell Corena S4 R	46
Shank lubrication	Shell Air Tool Oil S2 A	100
Transfer gearbox	Shell Omala S4 GX	150
Winch	Shell Spirax S3 AX	80W-90
Track rollers+idler wheels	Shell Spirax S3 AX	80W-90
Final drives	Shell Spirax S3 AX	80W-90
Feed gear	Shell Spirax S3 AX	80W-90
Engine coolant	CAT ELC	
Refridgerant	R134a	

WELDING / CASTINGS

Boom DB 800 H	550 657 42	
Base boom	550 407 46	620132 13/2018/3/B
Knee boom	550 419 70	620132 61/2018/4/I
Swing piece	550 141 28	620132 49/2018/21/C
Cradle	550 657 57	620132 45/2018/4/B
Feed rail	550 662 61	n/a
Left track beam	550 949 92	260315/18/97/D
Right track beam	550 944 38	260315/18/96/D
Upper frame	BG 005 713 35	MN/SAG/TK/18/03/-
Lower frame	551 803 17	FI-RG 10 TK 17/006/-
Fuel tank	551 918 82	HM/PTKX/AST/18/10/D
Hydraulic tank	551 561 38	HM STV PTKX 18 5 K
Powerpack	BG 002 055 94	HM/TK/ZMV/18/3/D



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HYDRAULIC CYLINDERS**UPPER FRAME**

Oscillation left	BG 003 785 76	01/18
Oscillation right	BG 003 785 76	01/18
Rear ground jack	551 638 61	01/18
Frame swing	325 546 78	03/18
Frame extra swing	550 143 29	03/18 2016388

BOOM

Boom lift	550 108 68	08/18
Boom knee	325 135 28	03/18
Feed tilt	BG 003 928 75	01/18
Feed swing	550 110 18	48/17
Feed extension	239 017 98	01/18

FEED ASSEMBLY

Suction head transfer	BG 008 415 46	21/17
Collaring guide	550 877 42	47/17
Pito	881 820 49	47/17
Front jack	-	

ROD CHANGER

Lower jaw	550 027 12	50/17
Upper jaw	550 027 12	50/17
Rod feed lower	550 590 61	44/17
Rod feed upper	550 590 61	44/17
Rod transfer lower	550 044 75	44/17
Rod transfer upper	550 044 75	44/17

NOTES

TOTAL WEIGHT	16 900kg
Date	27.02.2018
Inspector	Mikko Turunen



Tämä sivu tarkoitettu Tamrockin sisäiseen on käyttöön.

HUOMAUTUKSIA
